

Appendices



Appendix A. Human Health Screening Sheets

A.1. Soil Screening



Assessment Criteria :		Commercial - 6% SOM Sandy Loam													
Use MRL Values?															
Constituent	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedances	Locations of Exceedances	Location		BH23-04	BH23-04	BH23-05	BH23-03	
									Sample ID		1632840	1632841	1632842	1632843	
									Depth		1.70m		1.20m	0.30m	
									Date		25-Apr-2023	24-Apr-2023	24-Apr-2023	24-Apr-2023	
									Strata	Zone					
ACM Type		N/A	No SSV	0	-	-	0				-	-	-	-	
Asbestos Identification		N/A	No SSV	4	-	-	0				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	
Asbestos by Gravimetry		N/A	No SSV	0	-	-	0								
Total Asbestos	%	0.001	No SSV	0	-	-	0								
Moisture	%	0.020	No SSV	4	15	49	0				49	15	42	17	
Soil Colour	N/A	N/A	No SSV	4	-	-	0				Brown	Brown	Black	Brown	
Other Material	N/A	N/A	No SSV	4	-	-	0				Stones	45% Stones	30% Stones	10% Stones	
Soil Texture	N/A	N/A	No SSV	4	-	-	0				Clay	Clay	Sand	Sand	
pH		4.0	No SSV	4	7.7	8.8	0				7.8	7.7	8.8	8.4	
Boron (Hot Water Soluble)	mg/kg	0.40	No SSV	4	0.9	3.3	0				3.3	1.4	0.9	1.8	
Sulphate (2:1 Water Soluble) as SO4	g/l	0.010	No SSV	4	0.71	1.9	0				1.9	1.5	0.71	0.73	
Sulphur (Elemental)	mg/kg	1.0	No SSV	4	7.4	170	0				170	71	7.4	78	
Chloride (Water Soluble)	g/l	0.010	No SSV	4	<0.01	0.36	0				0.36	0.024	0.34	<0.01	
Cyanide (Complex)	mg/kg	0.50	No SSV	4	<0.5	4300	0				<0.5	4300	310	34	
Cyanide (Free)	mg/kg	0.50	373	4	<0.5	5	0				<0.5	5	<0.5	<0.5	
Cyanide (Total)	mg/kg	0.50	No SSV	4	<0.5	4300	0				<0.5	4300	310	34	
Thiocyanate	mg/kg	5.0	No SSV	4	<5	22	0				<5	22	7	<5	
Ammonium (Extractable)	mg/kg	0.50	No SSV	4	1.6	250	0				250	58	36	1.6	
Arsenic	mg/kg	0.5	635	4	23	330	0				330	67	130	23	
Barium	mg/kg	0	22000	4	55	510	0				140	55	61	510	
Beryllium	mg/kg	0.5	14	4	<0.5	2.1	0				0.7	<0.5	0.7	2.1	
Cadmium	mg/kg	0.10	410	4	0.39	1.7	0				1.7	0.39	1.6	0.59	
Chromium	mg/kg	0.5	208000	4	2	33	0				33	2	13	31	
Copper	mg/kg	0.50	106000	4	24	140	0				94	24	100	140	
Mercury	mg/kg	0.05	No SSV	4	1.5	33	0				16	8.1	33	1.5	
Nickel	mg/kg	0.50	1770	4	14	39	0				26	14	31	39	
Lead	mg/kg	0.50	2310	4	170	2200	0				170	340	2200	530	
Selenium	mg/kg	0.25	13000	4	1.5	20	0				3.6	1.5	20	1.7	
Vanadium	mg/kg	0.5	7490	4	1.7	63	0				33	1.7	26	63	
Zinc	mg/kg	0.50	1100000	4	91	400	0				310	91	400	310	
Aliphatic VPH >C5-C6	mg/kg	0.05	29400	4	<0.05	7.15	0				1.58	7.15	0.32	<0.05	
Aliphatic VPH >C6-C7	mg/kg	0.05	No SSV	4	<0.05	7.8	0				2.4	7.8	1.6	<0.05	
Aliphatic VPH >C7-C8	mg/kg	0.05	No SSV	4	<0.05	7.2	0				2.3	7.2	4.9	<0.05	
Aliphatic VPH >C8-C10	mg/kg	0.05	No SSV	4	<0.05	14	0				2.3	14	10	<0.05	
Total Aliphatic VPH >C5-C10	mg/kg	0.25	No SSV	4	<0.25	36	0				8.6	36	17	<0.25	
Aliphatic EPH >C10-C12	mg/kg	2.00	69500	4	42	1800	0				270	1800	580	42	
Aliphatic EPH >C12-C16	mg/kg	1.00	139000	4	110	9800	0				1600	9800	2900	110	
Aliphatic EPH >C16-C21	mg/kg	2.00	3620000	4	26	4300	0				910	4300	1300	26	
Aliphatic EPH >C21-C35	mg/kg	3.00	3620000	4	8.8	360	0				170	360	360	8.8	
Aliphatic EPH >C35-C40	mg/kg	10.00	No SSV	4	<10	200	0				78	39	200	<10	
Total Aliphatic EPH >C10-C35	mg/kg	5.00	No SSV	4	190	16000	0				3000	16000	5100	190	
Aromatic VPH >C5-C7	mg/kg	0.05	98	4	<0.05	410	2	BH23-04, 1.70m; BH23-04			180	410	0.25	<0.05	
Aromatic VPH >C7-C8	mg/kg	0.05	183000	4	<0.05	88	0				24	88	<0.05	<0.05	
Aromatic VPH >C8-C10	mg/kg	0.05	20800	4	<0.05	54	0				27	54	0.6	<0.05	
Total Aromatic VPH >C5-C10	mg/kg	0.25	No SSV	4	<0.25	550	0				230	550	0.85	<0.25	
Aromatic EPH >C10-C12	mg/kg	1.00	53900	4	16	3700	0				560	3700	660	16	
Aromatic EPH >C12-C16	mg/kg	1.00	65400	4	730	16000	0				5600	16000	3000	730	
Aromatic EPH >C16-C21	mg/kg	2.00	No SSV	4	860	14000	0				5100	14000	2900	860	
Aromatic EPH >C21-C35	mg/kg	2.00	No SSV	4	980	13000	0				9000	13000	2200	980	
Aromatic EPH >C35-C40	mg/kg	1.00	No SSV	4	140	1700	0				930	1700	140	340	
Total Aromatic EPH >C10-C35	mg/kg	5.00	No SSV	4	2600	46000	0				20000	46000	8700	2600	
Total VPH >C5-C10	mg/kg	0.50	No SSV	4	<0.5	590	0				240	590	18	<0.5	
Total EPH >C10-C35	mg/kg	10.00	No SSV	4	2800	63000	0				23000	63000	14000	2800	
LOI	%	0.10	No SSV	4	4.7	69	0				43	69	42	4.7	
Fraction of Organic Carbon		0.0010	No SSV	3	0.056	0.42	0				0.13		0.42	0.056	
Benzene	mg/kg	0.001	98	4	0.0047	170	1	BH23-04, 1.70m			170	55	0.11	0.0047	
Toluene	mg/kg	0.001	183000	4	0.0022	400	0				81	400	0.04	0.0022	
Ethylbenzene	mg/kg	0.001	63100	4	<0.001	32	0				1.6	32	0.051	<0.001	
m & p-Xylene	mg/kg	0.001	No SSV	4	<0.001	440	0				73	440	0.077	<0.001	
o-Xylene	mg/kg	0.001	32700	4	<0.001	110	0				26	110	0.048	<0.001	
Naphthalene	mg/kg	0.10	1050	4	0.93	1600	1	BH23-04			11	1600	120	0.93	
Acenaphthylene	mg/kg	0.10	No SSV	4	0.42	57	0				19	57	34	0.42	
Acenaphthene	mg/kg	0.10	106000	4	0.14	26	0				3.1	14	26	0.14	
Fluorene	mg/kg	0.10	72000	4	0.2	65	0				7.2	65	31	0.2	
Phenanthrene	mg/kg	0.10	No SSV	4	0.62	1200	0				21	1200	56	0.62	
Anthracene	mg/kg	0.10	544000	4	0.38	68	0				9.8	68	57	0.38	
Fluoranthene	mg/kg	0.10	72600	4	1.5	860	0				49	860	350	1.5	
Pyrene	mg/kg	0.10	54400	4	1.7	660	0				71	660	490	1.7	
Benzo[a]anthracene	mg/kg	0.10	BaP Surrogate	4	0.69	97	0				31	66	97	0.69	
Chrysene	mg/kg	0.10	BaP Surrogate	4	0.67	99	0				30	59	99	0.67	
Benzo[b]fluoranthene	mg/kg	0.10	BaP Surrogate	4	1.2	290	0				290	70	190	1.2	
Benzo[k]fluoranthene	mg/kg	0.10	BaP Surrogate	4	0.43	51	0				51	29	46	0.43	
Benzo[a]pyrene	mg/kg	0.10	76.3	4	0.95	260	2	BH23-04, 1.70m; BH23-05, 1.20m			260	60	200	0.95	
Indeno[1,2,3-c,d]Pyrene	mg/kg	0.10	BaP Surrogate	4	0.94	92	0				92	38	84	0.94	
Dibenz[a,h]Anthracene	mg/kg	0.10	BaP Surrogate	4	0.18	17	0				16	7.8	17	0.18	
Benzo[g,h,i]perylene	mg/kg	0.10	BaP Surrogate	4	0.92	80	0				80	30	76	0.92	
Total Of 16 PAH's	mg/kg	2.0	No SSV	4	12	4900	0				1000	4900	2000	12	
PCB 28	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
PCB 52	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
PCB 90+101	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
PCB 118	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
PCB 153	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
PCB 138	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
PCB 180	mg/kg	0.010	No SSV	3	<0.01	<0.01	0				<0.01		<0.01	<0.01	
Total PCBs (7 Congeners)	mg/kg	0.10	No SSV	3	<0.1	<0.1	0				<0.1		<0.1	<0.1	
Resorcinol	mg/kg	0.020	No SSV	4	<0.02	<0.02	0				<0.02	<0.02	<0.02	<0.02	
Phenol	mg/kg	0.020	3170	4	<0.02	12	0				12	0.17	6.2	<0.02	
Cresols	mg/kg	0.020	182000	4	<0.02	44	0				44	9	2.1	<0.02	
Xylenols	mg/kg	0.020	No SSV	4	<0.02	79	0				69	79	<0.02	<0.02	
1-Naphthol	mg/kg	0.020	No SSV	4	<0.02	<0.02	0				<0.02	<0.02	<0.02	<0.02	
Trimethylphenols	mg/kg	0.020	No SSV	4	<0.02	64	0				<0.02	64	<0.02	<0.02	
Total Phenols	mg/kg	0.10	3170	4	<0.1	150	0				130	150	8.2	<0.1	

Assessment Criteria :		Commercial - 6% SOM Sandy Loam																								
Use MRL Values?																										
Constituent	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedances	Locations of Exceedences	Location		01BH10	02BH10	03BH10	04B10	05BH11	06BH11	07BH11	08BH11	01BH12	02BH12	03BH12	04BH12	05BH12	06BH12	06BH12Dup	
									Sample ID	Depth																
									Date																	
									Strata																	
									Zone																	
16/04/2013 16/04/2013 16/04/2013 16/04/2013 18/04/2013 18/04/2013 18/04/2013 19/04/2013 27/04/2013 27/04/2013 #####																										

Appendix B. Controlled Waters Screening

B.1. Soil-Leachate



Assessment Criteria :		Drinking Water Standard England and Wales/WHO													
CaCO (mg/l):		0.00	pH		0.00										
Calcium (mg/l):		0.00	DOC (mg/l)		0.00	Catchment area:		Lee							
Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Location	BH23-04	BH23-05	BH23-03			
									Sample ID	1632840	1632842	1632843			
									Depth	1.7m	1.2m	0.3m			
									Date	25-Apr-2023	24-Apr-2023	24-Apr-2023			
									Strata	Zone					
pH		N/A	6.5-9.5	3	8.3	8.7	0			8.3	8.7	8.5			
Electrical Conductivity	µS/cm	1.0	No WSV	3	160	250	0			250	190	160			
Chloride	mg/l	1.0	250	3	<1	20	0			2.8	20	<1			
Ammonium	mg/l	0.050	0.5	3	<0.05	2.4	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m		2.4	1.4	<0.05			
Sulphur	mg/l	1.0	No WSV	3	8.7	38	0			38	8.7	16			
Sulphate	mg/l	1.0	250	3	26	110	0			110	26	49			
Cyanide (Total)	mg/l	0.050	0.05	3	<0.05	<0.05	0			<0.05	<0.05	<0.05			
Cyanide (Free)	mg/l	0.050	See Cyanide (total)	3	<0.05	<0.05	0			<0.05	<0.05	<0.05			
Thiocyanate	mg/l	0.50	No WSV	3	<0.5	<0.5	0			<0.5	<0.5	<0.5			
Cyanide (Complex)	mg/l	0.050	0.05	3	<0.05	<0.05	0			<0.05	<0.05	<0.05			
Sulphide	mg/l	0.050	No WSV	3	<0.05	<0.05	0			<0.05	<0.05	<0.05			
Arsenic (Dissolved)	mg/l	0.0002	0.01	3	0.0035	0.08	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m		0.08	0.014	0.0035			
Cadmium (Dissolved)	mg/l	0.00011	0.005	3	<0.00011	<0.00011	0			<0.00011	<0.00011	<0.00011			
Chromium (Dissolved)	mg/l	0.0005	0.05	3	<0.0005	<0.0005	0			<0.0005	<0.0005	<0.0005			
Copper (Dissolved)	mg/l	0.0005	2	3	0.00054	0.0024	0			0.00054	0.0018	0.0024			
Mercury (Dissolved)	mg/l	0.00005	0.001	3	<0.00005	<0.00005	0			<0.00005	<0.00005	<0.00005			
Nickel (Dissolved)	mg/l	0.0005	0.02	3	0.00079	0.0021	0			0.0013	0.0021	0.00079			
Lead (Dissolved)	mg/l	0.0005	0.01	3	0.00058	0.0042	0			0.00058	0.0042	0.00081			
Selenium (Dissolved)	mg/l	0.0005	0.01	3	0.00058	0.0076	0			0.00065	0.0076	0.00058			
Zinc (Dissolved)	mg/l	0.0025	3	3	0.015	0.022	0			0.022	0.015	0.02			
Iron (Dissolved)	mg/l	0.005	0.2	3	0.015	9.8	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m		0.23	9.8	0.015			
Total Organic Carbon	mg/l	2.0	No WSV	3	3.3	27	0			20	27	3.3			
Aliphatic TPH >C5-C6	mg/l	0.0001	15	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Aliphatic TPH >C6-C8	mg/l	0.0001	15	3	<0.0001	0.14	0			0.14	<0.0001	<0.0001			
Aliphatic TPH >C8-C10	mg/l	0.0001	0.3	3	<0.0001	1.7	1	BH23-04, 1632840, 1.7m		1.7	<0.0001	<0.0001			
Aliphatic TPH >C10-C12	mg/l	0.0001	0.3	3	<0.0001	0.068	0			0.068	<0.0001	<0.0001			
Aliphatic TPH >C12-C16	mg/l	0.0001	0.3	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Aliphatic TPH >C16-C21	mg/l	0.0001	N/A	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Aliphatic TPH >C21-C35	mg/l	0.0001	N/A	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Aliphatic TPH >C35-C44	mg/l	0.0001	N/A	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Total Aliphatic Hydrocarbons	mg/l	0.005	No WSV	3	<0.005	1.9	0			1.9	<0.005	<0.005			
Aromatic TPH >C5-C7	mg/l	0.0001	0.01	3	<0.0001	0.13	1	BH23-04, 1632840, 1.7m		0.13	<0.0001	<0.0001			
Aromatic TPH >C7-C8	mg/l	0.0001	0.7	3	<0.0001	0.42	0			0.42	<0.0001	<0.0001			
Aromatic TPH >C8-C10	mg/l	0.0001	0.3	3	<0.0001	4.4	1	BH23-04, 1632840, 1.7m		4.4	<0.0001	<0.0001			
Aromatic TPH >C10-C12	mg/l	0.0001	0.09	3	<0.0001	0.55	1	BH23-04, 1632840, 1.7m		0.55	<0.0001	<0.0001			
Aromatic TPH >C12-C16	mg/l	0.0001	0.09	3	<0.0001	0.97	1	BH23-04, 1632840, 1.7m		0.97	<0.0001	<0.0001			
Aromatic TPH >C16-C21	mg/l	0.0001	0.09	3	<0.0001	0.13	1	BH23-04, 1632840, 1.7m		0.13	<0.0001	<0.0001			
Aromatic TPH >C21-C35	mg/l	0.0001	0.09	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Total Aromatic Hydrocarbons	mg/l	0.005	No WSV	3	<0.005	6.6	0			6.6	<0.005	<0.005			
Total Petroleum Hydrocarbons	mg/l	0.01	No WSV	3	<0.01	8.5	0			8.5	<0.01	<0.01			
Naphthalene	mg/l	0.0001	See BaP	3	<0.0001	0.077	0			<0.0001	0.077	<0.0001			
Acenaphthylene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Acenaphthene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Fluorene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Phenanthrene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Anthracene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Fluoranthene	mg/l	0.0001	See BaP	3	<0.0001	0.013	0			<0.0001	0.013	<0.0001			
Pyrene	mg/l	0.0001	See BaP	3	<0.0001	0.013	0			<0.0001	0.013	<0.0001			
Benzo[a]anthracene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Chrysene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Benzo[a]pyrene	mg/l	0.0001	0.00001	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	3	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001			
Total Of 16 PAH's	mg/l	0.002	No WSV	3	<0.002	0.1	0			<0.002	0.1	<0.002			
Benzene	mg/l	0.001	0.001	3	<0.001	1.9	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m		1.9	0.0083	<0.001			
Toluene	mg/l	0.001	0.7	3	<0.001	0.19	0			0.19	0.002	<0.001			
Ethylbenzene	mg/l	0.001	0.3	3	<0.001	0.017	0			0.017	<0.001	<0.001			
m & p-Xylene	mg/l	0.001	See Xylenes (total)	3	<0.001	0.072	0			0.072	<0.001	<0.001			
o-Xylene	mg/l	0.001	See Xylenes (total)	3	<0.001	0.031	0			0.031	<0.001	<0.001			
PCB 28	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
PCB 52	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
PCB 90+101	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
PCB 118	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
PCB 153	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
PCB 138	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
PCB 180	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0			<0.00001	<0.00001	<0.00001			
Resorcinol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0			<0.005	<0.005	<0.005			
Phenol	mg/l	0.0050	0.05	3	<0.005	0.13	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m		0.13	0.064	<0.005			
Cresols	mg/l	0.0050	No WSV	3	<0.005	0.35	0			0.35	0.021	<0.005			
Xylenols	mg/l	0.0050	No WSV	3	<0.005	0.46	0			0.46	0.014	<0.005			
1-Naphthol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0			<0.005	<0.005	<0.005			
Trimethylphenols	mg/l	0.0050	No WSV	3	<0.005	0.081	0			0.081	<0.005	<0.005			
Total Phenols	mg/l	0.030	No WSV	3	<0.03	1	0			1	0.099	<0.03			

Assessment Criteria :		Manual SSAC													
CaCO (mg/l):		0.00	pH		0.00										
Calcium (mg/l):		0.00	DOC (mg/l)		0.00	Catchment area:		Lee							
Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Strata	Zone	Location	BH23-04	BH23-05	BH23-03	
											Sample ID	1632840	1632842	1632843	
											Depth	1.7m	1.2m	0.3m	
											Date	25-Apr-2023	24-Apr-2023	24-Apr-2023	
pH		N/A	6-9	3	8.3	8.7	0				8.3	8.7	8.5		
Electrical Conductivity	µS/cm	1.0	No WSV	3	160	250	0				250	190	160		
Chloride	mg/l	1.0	250	3	<1	20	0				2.8	20	<1		
Ammonium	mg/l	0.050	0.26	3	<0.05	2.4	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m			2.4	1.4	<0.05		
Sulphur	mg/l	1.0	No WSV	3	8.7	38	0				38	8.7	16		
Sulphate	mg/l	1.0	400	3	26	110	0				110	26	49		
Cyanide (Total)	mg/l	0.050	N/A	3	<0.05	<0.05	0				<0.05	<0.05	<0.05		
Cyanide (Free)	mg/l	0.050	0.001	3	<0.05	<0.05	0				<0.05	<0.05	<0.05		
Thiocyanate	mg/l	0.50	No WSV	3	<0.5	<0.5	0				<0.5	<0.5	<0.5		
Cyanide (Complex)	mg/l	0.050	N/A	3	<0.05	<0.05	0				<0.05	<0.05	<0.05		
Sulphide	mg/l	0.050	No WSV	3	<0.05	<0.05	0				<0.05	<0.05	<0.05		
Arsenic (Dissolved)	mg/l	0.0002	0.05	3	0.0035	0.08	1	BH23-04, 1632840, 1.7m			0.08	0.014	0.0035		
Cadmium (Dissolved)	mg/l	0.00011	0.00008	3	<0.00011	<0.00011	0				<0.00011	<0.00011	<0.00011		
Chromium (Dissolved)	mg/l	0.0005	See Cr VI as first pass	3	<0.0005	<0.0005	0				<0.0005	<0.0005	<0.0005		
Copper (Dissolved)	mg/l	0.0005	0.03153	3	0.00054	0.0024	0				0.00054	0.0018	0.0024		
Mercury (Dissolved)	mg/l	0.00005	0.00007	3	<0.00005	<0.00005	0				<0.00005	<0.00005	<0.00005		
Nickel (Dissolved)	mg/l	0.0005	0.01679	3	0.00079	0.0021	0				0.0013	0.0021	0.00079		
Lead (Dissolved)	mg/l	0.0005	0.00989	3	0.00058	0.0042	0				0.00058	0.0042	0.00081		
Selenium (Dissolved)	mg/l	0.0005	N/A	3	0.00058	0.0076	0				0.00065	0.0076	0.00058		
Zinc (Dissolved)	mg/l	0.0025	0.04247	3	0.015	0.022	0				0.022	0.015	0.02		
Iron (Dissolved)	mg/l	0.005	1	3	0.015	9.8	1	BH23-05, 1632842, 1.2m			0.23	9.8	0.015		
Total Organic Carbon	mg/l	2.0	No WSV	3	3.3	27	0				20	27	3.3		
Aliphatic TPH >C5-C6	mg/l	0.0001	0.01	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Aliphatic TPH >C6-C8	mg/l	0.0001	0.01	3	<0.0001	0.14	1	BH23-04, 1632840, 1.7m			0.14	<0.0001	<0.0001		
Aliphatic TPH >C8-C10	mg/l	0.0001	0.01	3	<0.0001	1.7	1	BH23-04, 1632840, 1.7m			1.7	<0.0001	<0.0001		
Aliphatic TPH >C10-C12	mg/l	0.0001	0.01	3	<0.0001	0.068	1	BH23-04, 1632840, 1.7m			0.068	<0.0001	<0.0001		
Aliphatic TPH >C12-C16	mg/l	0.0001	0.01	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Aliphatic TPH >C16-C21	mg/l	0.0001	0.01	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Aliphatic TPH >C21-C35	mg/l	0.0001	0.01	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Aliphatic TPH >C35-C44	mg/l	0.0001	0.01	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Total Aliphatic Hydrocarbons	mg/l	0.005	No WSV	3	<0.005	1.9	0				1.9	<0.005	<0.005		
Aromatic TPH >C5-C7	mg/l	0.0001	0.01	3	<0.0001	0.13	1	BH23-04, 1632840, 1.7m			0.13	<0.0001	<0.0001		
Aromatic TPH >C7-C8	mg/l	0.0001	0.01	3	<0.0001	0.42	1	BH23-04, 1632840, 1.7m			0.42	<0.0001	<0.0001		
Aromatic TPH >C8-C10	mg/l	0.0001	0.01	3	<0.0001	4.4	1	BH23-04, 1632840, 1.7m			4.4	<0.0001	<0.0001		
Aromatic TPH >C10-C12	mg/l	0.0001	0.01	3	<0.0001	0.55	1	BH23-04, 1632840, 1.7m			0.55	<0.0001	<0.0001		
Aromatic TPH >C12-C16	mg/l	0.0001	0.01	3	<0.0001	0.97	1	BH23-04, 1632840, 1.7m			0.97	<0.0001	<0.0001		
Aromatic TPH >C16-C21	mg/l	0.0001	0.01	3	<0.0001	0.13	1	BH23-04, 1632840, 1.7m			0.13	<0.0001	<0.0001		
Aromatic TPH >C21-C35	mg/l	0.0001	0.01	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Total Aromatic Hydrocarbons	mg/l	0.005	No WSV	3	<0.005	6.6	0				6.6	<0.005	<0.005		
Total Petroleum Hydrocarbons	mg/l	0.01	No WSV	3	<0.01	8.5	0				8.5	<0.01	<0.01		
Naphthalene	mg/l	0.0001	0.002	3	<0.0001	0.077	1	BH23-05, 1632842, 1.2m			<0.0001	0.077	<0.0001		
Acenaphthylene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Acenaphthene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Fluorene	mg/l	0.0001	N/A	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Phenanthrene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Anthracene	mg/l	0.0001	0.0001	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Fluoranthene	mg/l	0.0001	0.0000063	3	<0.0001	0.013	1	BH23-05, 1632842, 1.2m			<0.0001	0.013	<0.0001		
Pyrene	mg/l	0.0001	N/A	3	<0.0001	0.013	0				<0.0001	0.013	<0.0001		
Benzo[a]anthracene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Chrysene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Benzo[a]pyrene	mg/l	0.0001	0.00000017	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Benzo(g,h,i)perylene	mg/l	0.0001	Screen BaP only	3	<0.0001	<0.0001	0				<0.0001	<0.0001	<0.0001		
Total Of 16 PAH's	mg/l	0.002	No WSV	3	<0.002	0.1	0				<0.002	0.1	<0.002		
Benzene	mg/l	0.001	0.01	3	<0.001	1.9	1	BH23-04, 1632840, 1.7m			1.9	0.0083	<0.001		
Toluene	mg/l	0.001	0.074	3	<0.001	0.19	1	BH23-04, 1632840, 1.7m			0.19	0.002	<0.001		
Ethylbenzene	mg/l	0.001	0.02	3	<0.001	0.017	0				0.017	<0.001	<0.001		
m & p-Xylene	mg/l	0.001	See Xylenes (total)	3	<0.001	0.072	0				0.072	<0.001	<0.001		
o-Xylene	mg/l	0.001	See Xylenes (total)	3	<0.001	0.031	0				0.031	<0.001	<0.001		
PCB 28	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
PCB 52	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
PCB 90+101	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
PCB 118	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
PCB 153	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
PCB 138	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
PCB 180	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0				<0.00001	<0.00001	<0.00001		
Resorcinol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0				<0.005	<0.005	<0.005		
Phenol	mg/l	0.0050	0.0077	3	<0.005	0.13	2	BH23-04, 1632840, 1.7m; BH23-05, 1632842, 1.2m			0.13	0.064	<0.005		
Cresols	mg/l	0.0050	No WSV	3	<0.005	0.35	0				0.35	0.021	<0.005		
Xylenols	mg/l	0.0050	No WSV	3	<0.005	0.46	0				0.46	0.014	<0.005		
1-Naphthol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0				<0.005	<0.005	<0.005		
Trimethylphenols	mg/l	0.0050	No WSV	3	<0.005	0.081	0				0.081	<0.005	<0.005		
Total Phenols	mg/l	0.030	No WSV	3	<0.03	1	0				1	0.099	<0.03		

B.2. Groundwater

Drinking Water Standard England and Wales/WHO													
CaCO ₃ (mg/l)		pH		DOC (mg/l)		Calcium area		Lee					
8.00		8.00		0.00									
Calcium (mg/l)		8.00		DOC (mg/l)									
										</			

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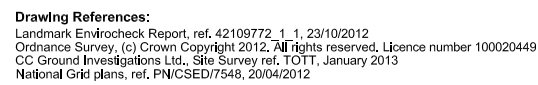
B.3. Surface Water

Assessment Criteria :		Manual SSAC															
CaCO (mg/l):		0.00	pH		0.00												
Calcium (mg/l):		0.00	DOC (mg/l)		0.00		Catchment area: Lee										
Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Location	DUP 1	SW1	SW2	SW1	SW2	SW20	SW1	SW2
									Sample ID	1638491	1638492	1638493	1653557	1653558	1653559	1670664	1670665
									Depth								
									Date	09-May-2023	09-May-2023	09-May-2023	06-Jun-2023	06-Jun-2023	06-Jun-2023	05-Jul-2023	05-Jul-2023
									Strata								
									Zone								
Electrical Conductivity	µS/cm	1.0	No WSV	8	620	1200	0			780	770	770	1200	1200	1200	670	620
Suspended Solids At 105C	mg/l	5.0	No WSV	8	<5	140	0			17	12	9	25	<5	8	140	130
Dissolved CO2	mg/l	0.60	No WSV	8	1.6	250	0						250	250	230		1.6
Chloride	mg/l	1.0	250	8	<0.05	83	0	SW2		82	83	83	<0.05	0.16	0.058	67	67
Ammonia	mg/l	0.050	0.26	8	0.16	0.27	1			0.2	0.16	0.17				0.23	0.27
Nitrite as NO2	mg/l	0.020	No WSV	8	0.16	0.16	0										0.16
Nitrate as NO3	mg/l	0.50	No WSV	8	69	69	0										69
Sulphur	mg/l	1.0	No WSV	8	26	90	0			32	32	32	87	90	80	26	26
Sulphate	mg/l	1.0	400	8	79	270	0			96	97	97	260	270	240	79	79
Cyanide (Total)	mg/l	0.050	N/A	8	<0.05	<0.05	0			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanide (Free)	mg/l	0.050	0.001	8	<0.05	<0.05	0			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Thiocyanate	mg/l	0.50	No WSV	8	<0.5	<0.5	0			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide (Complex)	mg/l	0.050	N/A	8	<0.05	<0.05	0			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphide	mg/l	0.050	No WSV	8	<0.05	<0.05	0			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hydrogen Sulphide	mg/l	0.050	0.00025	8	<0.05	<0.05	0			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Arsenic (Dissolved)	mg/l	0.0002	0.05	8	0.00094	0.0013	0			0.0011	0.0011	0.0011	0.001	0.0012	0.0012	0.00094	0.0013
Cadmium (Dissolved)	mg/l	0.00011	0.00008	8	<0.00011	<0.00011	0			<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
Chromium (Dissolved)	mg/l	0.0005	See Cr VI as first pass	8	<0.0005	<0.0005	0			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Copper (Dissolved)	mg/l	0.0005	0.03153	8	0.0021	0.0044	0			0.0028	0.0027	0.0028	0.0036	0.0044	0.0038	0.0023	0.0021
Iron (Dissolved)	mg/l	0.005	1	8	0.02	0.038	0			0.024	0.033	0.03	0.034	0.038	0.036	0.024	0.02
Mercury (Dissolved)	mg/l	0.00005	0.00007	8	<0.00005	<0.00005	0			<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Nickel (Dissolved)	mg/l	0.0005	0.01679	8	0.0038	0.0068	0			0.0052	0.0038	0.0039	0.0064	0.0068	0.0064	0.0039	0.0041
Lead (Dissolved)	mg/l	0.0005	0.00989	8	<0.0005	<0.0005	0			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Selenium (Dissolved)	mg/l	0.0005	N/A	8	0.00076	0.0024	0			0.00084	0.0012	0.00091	0.00096	0.00076	0.001	0.00088	0.0024
Zinc (Dissolved)	mg/l	0.0025	0.04247	8	0.017	0.027	0			0.021	0.02	0.019	0.024	0.022	0.027	0.017	0.023
Manganese [II]	mg/l	0.001	No WSV	8	<0.001	<0.001	0										<0.001
Manganese [IV]	mg/l	0.001	No WSV	8	<0.001	<0.001	0										<0.001
Iron [II]	mg/l	0.02	No WSV	8	<0.02	<0.02	0										<0.02
Iron [III]	mg/l	0.02	No WSV	8	<0.02	<0.02	0										<0.02
Total Organic Carbon	mg/l	2.0	No WSV	8	6.8	9.8	0			7.1	6.8	6.8	9.5	9.5	9.5	6.9	9.8
Dissolved Methane	mg/l	0.050	No WSV	8	<0.05	<0.05	0										<0.05
Aliphatic TPH >C5-C6	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C6-C8	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C8-C10	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C10-C12	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C12-C16	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C16-C21	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C21-C35	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aliphatic TPH >C35-C44	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Aliphatic Hydrocarbons	mg/l	0.005	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Aromatic TPH >C5-C7	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C7-C8	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C8-C10	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C10-C12	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C12-C16	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C16-C21	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C21-C35	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Aromatic TPH >C35-C44	mg/l	0.0001	0.01	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Aromatic Hydrocarbons	mg/l	0.005	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Total Petroleum Hydrocarbons	mg/l	0.01	No WSV	8	<0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total BTEX	mg/l	0.001	No WSV	8	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	mg/l	0.001	No WSV	8	0	0	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	8	0	0	0										
Vinyl Chloride	mg/l	0.001	N/A	8	0	0	0										
Bromomethane	mg/l	0.005	No WSV	8	0	0	0										
Chloroethane	mg/l	0.002	No WSV	8	0	0	0										
Trichlorofluoromethane	mg/l	0.001	No WSV	8	0	0	0										
1,1-Dichloroethene	mg/l	0.001	No WSV	8	0	0	0										
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	8	0	0	0										
1,1-Dichloroethane	mg/l	0.001	No WSV	8	0	0	0										
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	8	0	0											



Assessment Criteria :		Manual SSAC																	
CaCO (mg/l):		0.00		pH		0.00													
Calcium (mg/l):		0.00		DOC (mg/l)		0.00		Catchment area: Lee											
Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Location		DUP 1	SW1	SW2	SW1	SW2	SW20	SW1	SW2	
									Sample ID		1638491	1638492	1638493	1653557	1653558	1653559	1670664	1670665	
									Depth										
									Date		09-May-2023	09-May-2023	09-May-2023	06-Jun-2023	06-Jun-2023	06-Jun-2023	05-Jul-2023	05-Jul-2023	
									Strata	Zone									
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	8	0	0	0												
Naphthalene	mg/l	0.0001	0.002	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Acenaphthylene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Acenaphthene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Fluorene	mg/l	0.0001	N/A	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Phenanthrene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Anthracene	mg/l	0.0001	0.0001	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Fluoranthene	mg/l	0.0001	0.0000063	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Pyrene	mg/l	0.0001	N/A	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Benzo[a]anthracene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Chrysene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Benzo[a]pyrene	mg/l	0.0001	0.00000017	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Indeno[1,2,3-c,d]Pyrene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Dibenz[a,h]Anthracene	mg/l	0.0001	N/A	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	8	<0.0001	<0.0001	0			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Total Of 16 PAH's	mg/l	0.002	No WSV	8	<0.002	<0.002	0			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
PCB 28	mg/l	0.00001	No WSV	8	0	0	0												
PCB 52	mg/l	0.00001	No WSV	8	0	0	0												
PCB 81	mg/l	0.00001	No WSV	8	0	0	0												
PCB 77	mg/l	0.00001	No WSV	8	0	0	0												
PCB 90+101	mg/l	0.00001	No WSV	8	0	0	0												
PCB 105	mg/l	0.00001	No WSV	8	0	0	0												
PCB 114	mg/l	0.00001	No WSV	8	0	0	0												
PCB 118	mg/l	0.00001	No WSV	8	0	0	0												
PCB 123	mg/l	0.00001	No WSV	8	0	0	0												
PCB 126	mg/l	0.00001	No WSV	8	0	0	0												
PCB 138	mg/l	0.00001	No WSV	8	0	0	0												
PCB 153	mg/l	0.00001	No WSV	8	0	0	0												
PCB 156	mg/l	0.00001	No WSV	8	0	0	0												
PCB 157	mg/l	0.00001	No WSV	8	0	0	0												
PCB 167	mg/l	0.00001	No WSV	8	0	0	0												
PCB 169	mg/l	0.00001	No WSV	8	0	0	0												
PCB 180	mg/l	0.00001	No WSV	8	0	0	0												
PCB 189	mg/l	0.00001	No WSV	8	0	0	0												
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	8	0	0	0												
Resorcinol	mg/l	0.0050	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Phenol	mg/l	0.0050	0.0077	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Cresols	mg/l	0.0050	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Xylenols	mg/l	0.0050	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
1-Naphthol	mg/l	0.0050	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Trimethylphenols	mg/l	0.0050	No WSV	8	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Total Phenols	mg/l	0.030	No WSV	8	<0.03	<0.03	0			<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	

Appendix C. Worley Parsons 2013 Site Investigation Plan



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